CENTRAL FAX CENTER

DEC 0 5 2006

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400

ATTORNEY DOCKET NO.

200207388-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John J. Wuu et al. Confirmation No.: 2092

Application No.: 10/653,020

Examiner: Cynthia H. Britt

43,861

Telephone: 978-318-9914

December 5, 2006

Reg No.:

Date:

Filing Date: August 30, 2003 Group Art Unit: 2138

Title: Shift Redundancy Encoding for Use with Digital Memories

Mail Stop Amendment **Commissioner For Patents** PO Box 1450 Alexandria, VA 22313-1450

Date of facsimile: December 5, 2006

Typed Name Signature

Rev 10/05 (IDSCert)

INFORMATION DISCLOSURE STATEMENT				
This Ir	nformation Disclosure Statement is submitted:			
	under 37 CRF 1.97 (b), or (Within three months of filing national application; or date of first action on the merits; whichever occurs is	date of entry of national application; or before mailing ast)		
X	under 37 CRF 1.97 (c), together with either a: Statement under 37 CFR 1.97 (e), or a \$180 fee under 37 CFR 1.17 (p), or (After the CFR 1.97 (b) time period, but before final	action or notice of allowance, whichever occurs first)		
	under 37 CRF 1.97 (d), together with either a: Statement under 37 CFR 1.97 (e)(1) or (2), and a \$180 fee set forh in 37 CFR 1.17 (p)	1		
	(Filed after final action, a notice of allowance, on or	before payment of the issue fee)		
Pleas pleas	se charge to Deposit Account 08-2025 the sum of \$ 180.00 se charge any fees required or credit any over payment to D	At any time during the pendency of this application, eposit Account 08-2025 pursuant to 37 CFR 1.25.		
pater	cant(s) submit herewith form PTO 1449 - Information Dints, publications or other information of which applicant(s) a xamination of this application and for which there may be a	re aware, which applicant(s) believe(s) may be material to		
	language information listed on PTO Form 1449, as present 1.56 (c) most knowledgeable about the content is given or cited in a search report or other action by a foreign part	e patents, foreign language publications and other foreign intly understood by the individual(s) designated in 37 CFR in the attached sheet, or where a foreign language patent is tent office in a counterpart foreign application, an english cates the degree of relevance found by the foreign office is		
It is re	equested that the information disclosed herein be made of re	ecord in this application.		
	hereby certify that this correspondence is being deposited with the United States Postal Service as first class mall in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450	Respectfully submitted, John J. Wuu et al.		
	Date of Deposit:	By IUCEN/URS		
-	OR	Robert Plotkin, Esq.		
t i	hereby certify that this paper is being ransmitted to the Patent and Trademark Office facsimile number (571) 273-8300	Attorney/Agent for Applicant(s)		

12/07/2006 FMETEKI1 00000061 082025

RECEIVED CENTRAL FAX CENTER

PAGE 19/19

DEC 0 5 2006

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number 10/653,020 Filing Date August 30, 2003 INFORMATION DISCLOSURE First Named Inventor John J. Wuu et al STATEMENT BY APPLICANT Art Unit 2138 Cynthia H. Britt (Use as many sheets as necessary) Examiner Name Attorney Docket Number 20027388-1 Sheet 1

Examiner	Cite No.1	Document Number Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where	
Initials*		Number-Kind Code ^{2 (f Incom)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 2002/0031023 A1	3/14/2002	Sugamoto et al	
		US- 2001/0050868 A1	12/13/2001	Sugamoto et al	
		US- 2001/0021129 A1	9/13/2001	Ishikawa	
		US-			
-		US-			
		US-	· .		
	 	US-	- 		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁸ (if known)	Publication Date MM-DD-YYYY	Name of Patentse or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T€
						╄
						╄╾
	 					T
						╊

Examiner	Date	
Signature	Considere	ıd İ

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.